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Lys Gly Lys Arg Ala Ris Gly Pro Ala Len AAA GGG AAA AGA GGT GAT GGA GGT GGT ITG Leu TTA rrrfen Thr Lys Asp Asn Al., 1,008 TIG ACT AAA GAT AAT GCC 1.78 Va I lle Ser Len Lea Lys The TTA Ann ۸.۸ CTT Lys Thr Ser Ser 1,026 AGC ATC Aan TCT TTG AIT Asn AAC AAA ACT TCC AAT AAT ACA WC TCA Ala Thr Thr Arg l.ys His He Asp Cly Pro CCA ACT Ser Leu Leu AGA Glu Asn AAC CAC lle Ser 1,044 ATT CAT CCC CCA TCA TTA TTA TTA CAG AAT AGT Pro Ser Val Trp Gln Asn He Leu Clů Ser Asp Thr Glu GTC Phe 100 CAA AAT Lys ATA Lys Val Thr 1.062 TTA GAA AGT GAC ACT CAC TTT AAA GTG ACA Pro Hita Asp Arg HET Leu HET Asp Ala Thr CCT TTC Lys Asn ATT CAT Ala Leu 1,080 GAC AGA ATG CTT ATG GAC $\Lambda\Lambda\Lambda$ MT CCT TTC AGC CTA neA MET Ser Lys Thr Thr Ser Ser AAT Lys Asn MET Glu AIG MET Val Gin TCA AAT AAA Cln 1,098 ACT ACT TCA 1CA YM VCC ATG GAA ATC CTC CAA CAG . Gly Pro He Pro Pro Asp Ala Cin ۸sn GAG Λsp CGC CCC MET Ser ATT CCA Pl.c 1,116 GCA CAA AAT CCA CAT CCA GAT ATG 100 Lys MET Leu Pho Len Clu Ser Ala Arg Trp Tle Gln CTA Arg Thr His TTC 1 T G GAA TOA GOA Cly Lys 1,134 CCA AGG TGG AΤΛ CAA VCC ACT CAT GGA AAG Gln Gly Cly Ser Pro Lys Pro AAC TCT Cln Leu CTG AAC Val Ser Leu Gly 1,152 TCT CAA GGC CCC AGT CCA CAA TTA AAC GTA TCC TTA GGA Glu Lyg Ser Val Cly Clu Gln Asn Plie Leu Clu "Lys Ser AAA TCT GTG Asn Lys Val Vall,170 CAA CCT TTC TTC CAG AAT TC1 GAG AAA AAC AAA GTG CTA Va 1 Lys Cly Clu Plie The Lys Asp Val Gly Len Lys. Glu MET AAG CGT GAAVal Phe Pro 1,188 TIT ACA AAG CAC GTA CGA CTC AAA CAG ATC CTT Ser Arg Asn Phe Leu Thr Asn Leu Asp Cat Λsn Leu His Clu AGA AAC CTA TTT CTT Asn Asn . Thr 1,206 ACT AAC TIG AAT TTA CAT CAA ACΛ Asn Cin Glu l.ys Lvs He Cln Clu Glu Ile Glu AAT Lys CAA GAA Lvs Glu · Thr AAA 11e 1,224 ALA AIT CAA CAG C.L.A ATA CAA AAG AAG ACA TTA GAA ATC Clu Asn Val Va 1 Pro Leu Cln lle His The Val Thr CAC Thr AAT GTA CTT TIG CCT Asn Phe 1,242 CAG ATA CAT ACA CTG ACT CCC ACT AAG AAT TIC Phe Asn l.eu Len Leu Ser The Arg Cla Va 1 AAC Clu AAC C7 T Glv 7TC 7 AA CTG VCC ACT AGG TAA AAT GTA CAA GGT TCA TAT Gly. Tyr Ala ī.eu Gln Plic Arg Ser Asn TAT CCT CCA CTA Asp Ser The CIT Asn 1,278 CAA CAT AGG TCA TTA AAT CAT TCA Thr Thr Ala His Phe Ser Lys ACA 1.78 Gly Clu Clu Clu AAC CAC Asn Leu 1,296 ACA CCT CAT LLC TCA AAA $\lambda \lambda \lambda$ CAG CAA CAA AAC TTG Glu Glv Leu Asn Cln Thr Cln Lys He Val Glu CAA CCC Lys Tur TTC CCA AAT Ala Cys Thr The 1,314 CAA ACC AAC CAA ATT GTA CAG AM TAT GCA ACC ACA Arg Pro Asn The Ser Cin Gin Asn Phe Val Thr Gln Arg ATA TCT CCT AAT ACA AGC CAG CAG AAT TIT GTC AGG CAA CGT ACT AAG AGA

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GInPhe Arg Leu Pro Leu Clu Clu Thr Clu Leu Clu Lys Arg He 1,350 CAA TTC C1 (: CCA CTA GAA GAA ACA GAA CTT GAA AAA AGG ATA Λsp Asp Ser Lys The Thr Trp Cln Λsıı HET CAC ACC TCA Lys ដាវន ACC Leu Thr CAG Pro. 1,368 TUĞ VVC ATC $\Lambda\Lambda\Lambda$ CAT TIC VCC CCG Ser The Thr Asp Tyr Asn Glu AGC ACC CTC l.ys Glu Gly ACA Lys CAG CAC Λla Lie The · Cin 1,386 TAC AAT CAG AAC GAC AAA GCC CCC ATT ACT CAG Ser Leu Ser Asp Leu The Arg °Ser His TCT CCC Ser lle 1CA Pro Gin GAT TCC Arg 1,404 CTT ACG Ala Λsn AGG ACT CAT ACC ATC CCT GCA CAA AAT ACA Ser Pro Pro He Ala Lys Val Ser Ser The TCT Ser .11e TCT ATT CCA Pro CCC ATT GCA Arg Pro Tyr 1,422 AAG GTA TCA TCA TIT CCA ACA CCT TAT Arg AGG Leu Thr Val Leu Phe Gin Asp Asn Ser Ser CTC His CIC Leu Pro CTA TIC CAA Ala Ala Ser Tyr 1,440 GAC AAC TCT TCT CAT CTT CCA CCA **GCA** TCT TAT I.y n Lys Asp Ser Cly va 1 Clu Cln Ser Ser His AAG Plie AAA CAT TCT Leu Cln Lys 1,458 CCC Cly CTC Ala CAA CAA ACC AUT CAT TTC TTA CAA CGA GCC AM Asn Asn Leu Leu Ala He Leu The Leu Glu MET AAC CTT TCT TTA Arg 1,476 CCC Asp Cln ATT CTA ACC TTG CAG AIG ACT CCT GAT CAA AGA Clu Gly Ser Leu Gly Thr Ser Ala Thr CAG CTT Λsn CCC Ser Val TCC. CUC Thr Tyr Lys ACA AGT CCC Lvs Va 1 ACA AAT TCA CTC ACA TAC AAC GIT AAA Clu Asn Thr Val Pro Lys Rro Asp. Leu Pro Lys lbr ACT GTT CTC Ser Gly Glu 1,512 CCG λu L.y.s Va] CCA GAC TIG CCC $\Lambda\Lambda\Lambda$ ACA TCT CCC AM CTT CAA Leu Pro His He Tyr TIG CTT Lys Asp CCA Leu Plie Pro $A\Lambda A$ CIT Thr CAC Clu AIT Thr TAT CAG Ser AAG CTA CAC TIC CCT ACC GAA ACT VCC Asn Ser Pro Gly liis I.cu Asp GAT l.eu Val Glu Gly AAT TCT Ser CCT CCC CAT CTC Leu Leu Cln Thr 1,548 CIV CIC GIG CAA GCC ACC CTT CIT CAG GCA ACA Clu ۸la Lys Lip Asn Glu Ala GAG Asn ۸rg Gly Pro CCG ATT Lys Val Pro AAC TGG Phe Leu 1,566 TAA CAA CCA AAC AGA CCT CCA $\Lambda\Lambda A$ CIT CCC TTT CTG Arg Val Ala Thr Glu Ser Ser Λla Lys Thr Pro CTA Ser GCA ACA Lys CAA Leu 1,584 Leu Asp ACC TCT CCA Pro AAG ACT CCC TCC AAC CIA TTC GAT CCT CTT His Tyr Gly The Cln He Pro TCC GAT Lys Clu AAC CAC Clu TAT CCI ACT Ser Cln 1,602 CAG ATA CCA AAACAA CAC 1CC ٨٨٨ TCC CAA Lys Pro Ser Clu Lvs The Phe GAC Lys Lys AAC Lys TCA The CCA Asp CAA lle 1,520 AAA Leu Ser ACA CCT Leu TTT AAC MA AAG GAT ATT ACC TTC TCC CTC ! Cvs Clu Ser Asn liis Ala He ۸la MC He TGT CVV Asn Clu Gly Cln 1,638 AAT CAT GCA ATA GCA .\sn Lys CCA ATA AAT GAG CCA CAA AAT Clu fle Glu The Trp Ala l.ys GIn Cly ۸rg GAAGTC The ATA CAA Clu ACC Arg J.eu 1.656 TCC GCA Cys Ser AAC CAA CCT ACC ACT CAA AGG CTC TCC TCT In Asn Pro Pro Pro Val Leu Lys Arg His Gin Arg CCA CCA GIG TIG AAA CGC CAT CAA CGG Val Clu 112 Thr Arg Thr AA AAC 1,674 The Leu CAT CAA CGG GAA ATA ACT CGT ACT ACT CTT

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Clu Gly Clu His CTA CAT GCT GGG ATG AGC ACA CTT TTT CTG GAA TCC CTT ATT GGĆ CAG CAT 1.75 Cys Clu The Pro ken Cly HET Ala Ser Gly lits TGT CAG He ACT CCC CTG GGA ATG GGT TCT Arg CAC CCA ATT ACA Phe Cln Hic Ala Ser Gly Gln Tyr Cly Cln Trp CAG ATT Pro 2,076 ΛCA CCT TCA CCA l.ys Leu Ala CAA TAT CCA CAG TCC CCC CCV AAC CTC . CCC Cly Ser Ile Ser Asn° Ala Irp CTI Ser Thr AGA Lys CAT GCA TCA Glu 2,088 TCC ATC AAT GCC TCC AGC ACC - AAC · GAG CCC TIT TCT Trp He Leu 1 Leu Λsp Ala Pro HET He He TCC ATC liis. Cly lle 2,106 AAG CTG CAT Lys The Gla CIG TTG ÇCA CCA ATG ATT ATT CAC CCC ATC AAC ACC CAG Gly Ala Arg CIn Lys Phe Ser Ser Leu Tyr He Ser Gln CGT GCC Phe CUT He CAG AIC MET Tyr AGC CTC 11C TCC TAC ATC TCT CAG TTT ATC ATC ATC TAT Ser Leu Cly Lvs Trp Gln The Tyr Arg G1y VCI CTT CAT CCC Λsn 2,142 AAC Cly Thr AAC 100 CAG Leu ACT TAT CCA CCA AAT TCC CCA ACC TTA MET Phe Gly Asn Val Asp Ser Gly. He Scr ATC CTC Lys TTC His 2,160 71T CCC AAT GTG GAT Phe វាទភ TCA TCT CCC AIA $\Lambda\Lambda\Lambda$ CVC AAT 1TA TTT /AC Pro Pro He He Ala He Arg Leu liis Pro CCT CCA CCT 2.178 ATT Ser lle CGA Arg ATC CCT TIC CAC CCA ACT CAT TAT ACC ATT CCC Ser Arg MEF Glu HET Civ Asp AGC CGC Lcu Asn Ser · Cys ATC HET Pro CAG TTC ATC cać TGT CAT 77A AAT ACT TGC ACC ATG CCA Leu MET He Ser Asp Cin TTC GGA ATC 110 The 2,214 GAG Ala Ser AGT $\Lambda \Lambda \Lambda$ CCA Ser lyr ATA TCA GAT GCA CAG ATT **ACT** CCT TCA 1CC TAC Phe MET Plie Ala Trp Ser Pro Ser Lvs Λla 1TT Arg Leu AAT His ATC TTT GCC ACC TCG Leu Cln TCT CCT TÇA CCT $\Lambda\Lambda\Lambda$ CGA CTT CVC CTC Cly Asn Arg Γιο Cln Val Asn Pro CCC ACG AGT Asn Lys. Glu AAT Trp CCC TCC Leu Cln AGA CCT CAG GTG ANT AAT CCA AAA CAG TCG CTG CAA Val Gln Lys Thr HET Lys Val Thr Cly Val lhr CTC CAC The CAG Gln VVC ACA ATG Va1 Lys AÃA CTC ACA GGÁ CTA ACT ACT CAG CGA CTA AAA Ser Leu Thr HI.T Tyr Val Lys Glu Phe Leu TCT CTG CTT He 2,286 ACC Ser Ser Gln ACC Asp ATC TAT GIG AAC GAG $\exists \, \mathbf{4} \, \mathbf{C}$ CTC AIC. ACC ACT $C\Lambda\Lambda$ CAT 1 rp The Leu Phe Phe Cin Asu Cly CCC Lyn Val CAT CAG 2,304 TCC ACT Cln CTC TIT Gly TIT CAG aat AM CTA AAC CTT T11 CAG CCA Asn Cln Asp Phe Val Val Asn AAT CAA Ser GAC Leu Лsр 2,322 TCC Pro Pro TIC Leu Len The CCT CTG CIG WC TCT CTA GAC CCA CCG TTA CTG ACT Leu Arg He Pro GIn Ser Val His Gla. He Ata Leu CCC CAG AGT TEG GIG CAC CAG ATT GCC CTG CGA ATT Arg CVC HET 2,340

2,35%